



Process and apparatus for producing a laminate, comprising at least one polymer film with information and at least one substrate, for further processing for forgery-proof documents

Do Not Enter

Cross-References to Related Applications

Not applicable.

Statement Regarding Federally Sponsored Research or Development

Not applicable.

Background of the Invention

[0001] The invention relates to a process and an apparatus for producing a laminate, comprising at least one polymer film with information and at least one substrate, for further processing for forgery-proof documents according to the precharacterizing clauses of Claim 1 and Claim 13.

Technical Field

[0002] DE 29 52 322 discloses a process for producing forgery-proof documents, such as a personal identity card for example. An information carrier of paper is laminated with films on both sides, the films being respectively provided with a bonding layer, which consists of a radiation-curable composition and is laminated onto the information carrier in such a way that the layers come into contact with the information carrier, and the laminate is exposed to a crosslinking-active radiation. For laminating the film bearing the radiation-curable composition onto the surface of the information carrier, the film is heated to up to 1500°C. At the same time, the film is pressed against the surface of the information carrier. Once laminated onto the information carrier, the film can no longer be removed without completely destroying the information carrier.